

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MARK ZOLLER ET AL.

Serial No.: Divisional of U.S. Serial No. 10/179,373 **Group Art Unit:**
Filed June 26, 2002

Filed: December 3, 2003

Examiner:

Title: FUNCTIONAL ASSAYS FOR IDENTIFYING COMPOUNDS
THAT MODULATE T1R2/T1R3 (SWEET) TASTE

Customer No. 23911

PRELIMINARY AMENDMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-identified application, kindly cancel all the original claims 1-193 and insert new claims 194-256.

These claims are all directed to functional assays for identifying compounds that activate or modulate the activity of the T1R2/T1R3 sweet taste receptor. As discussed in the subject application, T1R2 and T1R3 sequences when co-expressed in a recombinant host cell respond specifically to sweet taste stimuli such as natural and artificial sweeteners. Therefore, compounds that activate or modulate the activation of T1R2/T1R3 potentially can be used as flavor enhancers and flavor additives in foods and beverages.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the claims are reflected in the listing of claims beginning page 4 of this paper.

A new Title is identified on page 12.

A new Abstract of the Disclosure is submitted herewith (attached as a separate page to this Preliminary Amendment).

Remarks begin on page 14 of this paper.